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LP

PATENT
0933-0148P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Aristos ARISTIDOU et al. Conf.: 6884
Appl. No.: 09/423,554 Group: 1652
Filed: November 10, 1999 Examiner: WALICKA, M.
For: TRANSFORMED MICROORGANISMS WITH
IMPROVED PROPERTIES

RECEIVED
JAN 22 2003
TECH CENTER 1600/2900

REPLY UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents
Washington, DC 20231

January 16, 2002

Sir:

01/17/2003 SSESHE1 00000045 09423554

01 FC:1201
02 FC:1202
03 FC:1253

84.00 OP
198.00 OP
930.00 OP

In response to the Office Action of July 16, 2002, the period for response having been extended three months, the following amendments and remarks are submitted in connection with the above-identified application.

AMENDMENTS

IN THE CLAIMS:

Please amend the claims as follows:

1. (Twice Amended) A microorganism transformed with at least one recombinant DNA molecule encoding at least a part of an enzyme that causes the functional coupling of the oxidation and reduction of substrates by NAD/NADH- or NADP/NADPH-linked dehydrogenase reactions that share a common substrate and have